

Service Manual

50 inch Class 720p Plasma HDTV

Model No. **TC-P50XT50X**

GPH15DU Chassis

Simplified

Please file and use this manual together with the service manual for Model No. TC-P50XT50, ORDER NO. MTNC120306CE.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Different points

1.1. Mechanical Replacement Parts List

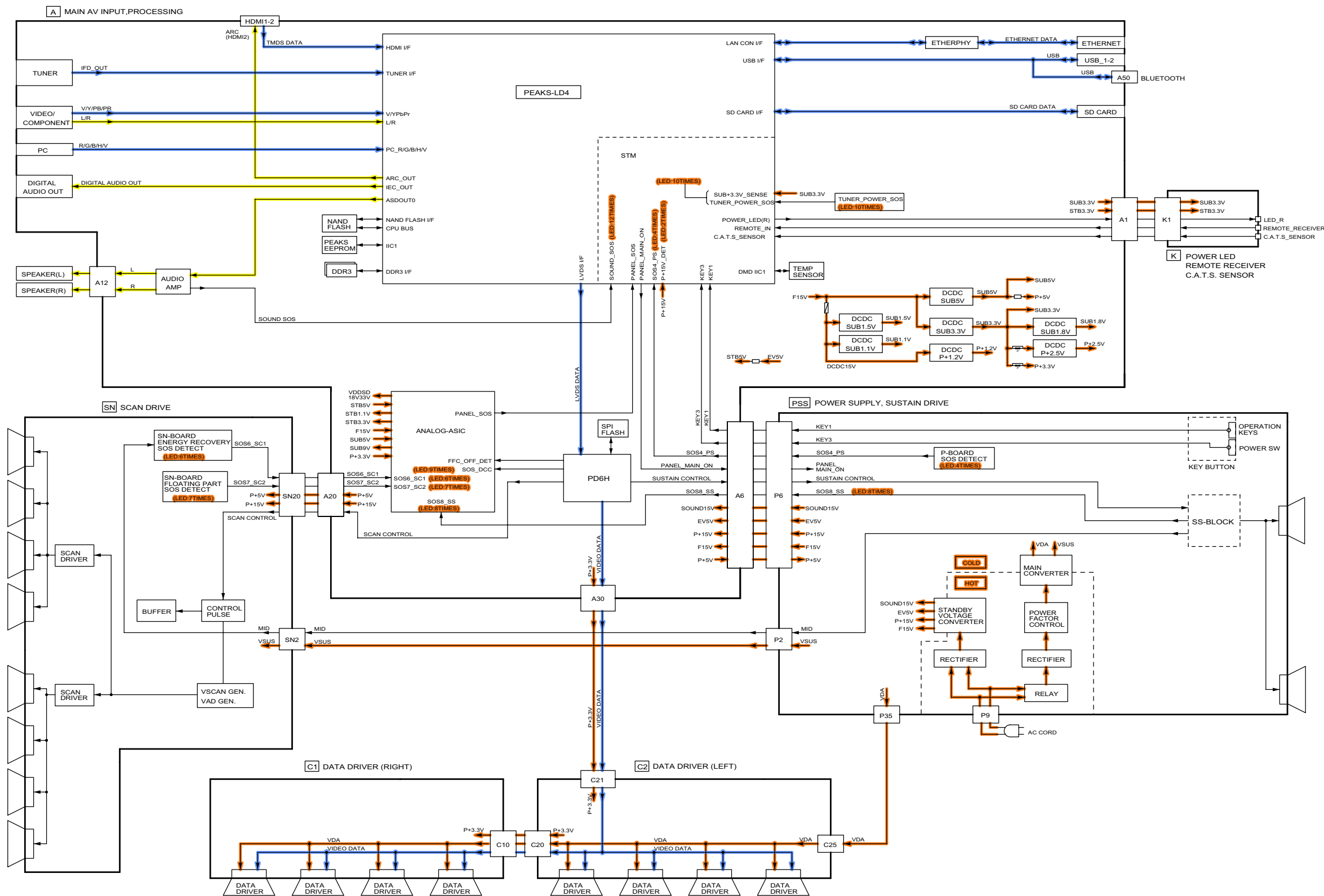
Ref. No.	Parts No.		Parts name & Description	Pcs	Remarks
	TC-P50XT50	TC-P50XT50X			
42	J0KG00000036	-----	FERRITE CORE	0	
43	J0KG00000121	-----	FERRITE CORE	0	
2	N5HZZ0000111	TXNBT1PGUXS	BLUETOOTH MODULE(DONGLE)	1	PAVCA Δ
8	TKZ5ZX50011A	TKZ5ZX50011B	STAND BRACKET PLATE	1	PAVCA
	TMKK497	TMKK493	RUBBER(IC8000)	1	PAVCA
46	TQB2AA0637	TQB2AC0078	INSTRUCTION BOOK(ENG/SPA)	1	PAVCA Δ
27	TXFKU0512SER	TXFKU5212SER	REAR COVER	1	PAVCA Δ

1.2. Electrical Replacement Parts List

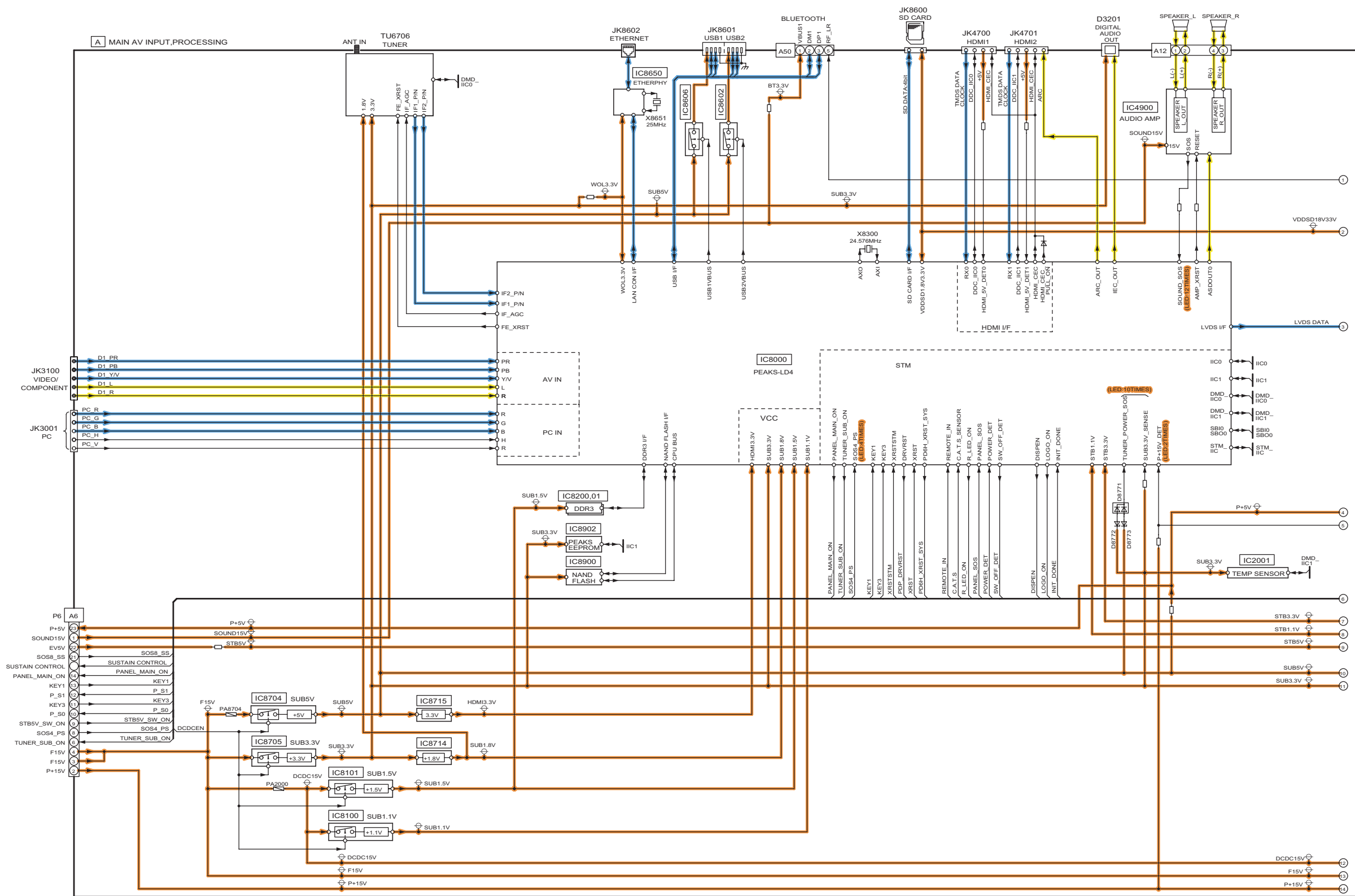
Ref. No.	Parts No.		Parts name & Description	Pcs	Remarks
	TC-P50XT50	TC-P50XT50X			
PCB	TXN/A1RHUUS	TXN/A1PJUXS	CIRCUIT BOARD A	1	(RTL) PAVCA Δ
C3182	-----	F1G1A105A047	C 1UF 10V	1	
C3183	-----	F1G1A105A047	C 1UF 10V	1	
C3184	-----	F1G1A105A047	C 1UF 10V	1	
C8018	F1G1H101A834	-----	C 100PF 50V	0	
IC8900	TVRS693S	TVRS693ADS	IC	1	PAVCA
IC8902	TVRS652S	TVRS654S	IC	1	PAVCA
IC9304	TVRS649S	TVRS649ACS	IC	1	PAVCA
JK3001	-----	K1FY315A0014	CONNECTOR	1	PAVCA
JK4700	K1FY119D0027	K1FY119D0025	CONNECTOR	1	PAVCA
JK4701	K1FY119D0027	K1FY119D0025	CONNECTOR	1	PAVCA
JK8601	K1FY208B0013	K1FY208B0012	CONNECTOR	1	PAVCA
JK8602	K2LC1YYA0018	K2LC1YYA0017	JACK	1	PAVCA
R075	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
R077	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R3201	-----	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
R3203	-----	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
R3207	-----	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
R3209	-----	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
R3210	-----	D1HY2204A012	NETWORK RESISTER	1	PAVCA
R3213	-----	D0GA220JA023	M22 OHM, J,1/16 W	1	
R3216	-----	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	

2 Block Diagram

2.1. Main Block Diagram

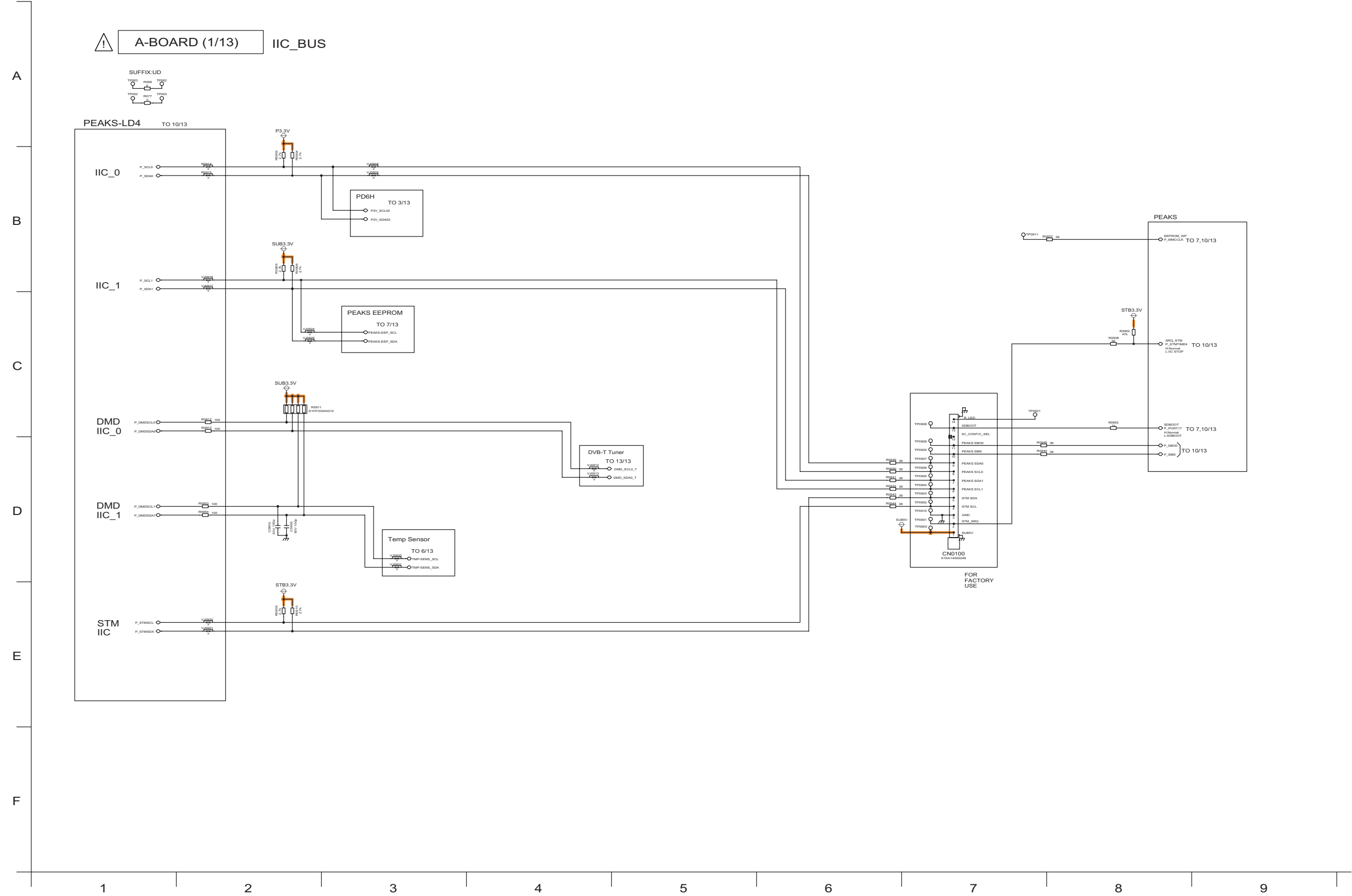


2.2. Block (1/4) Diagram

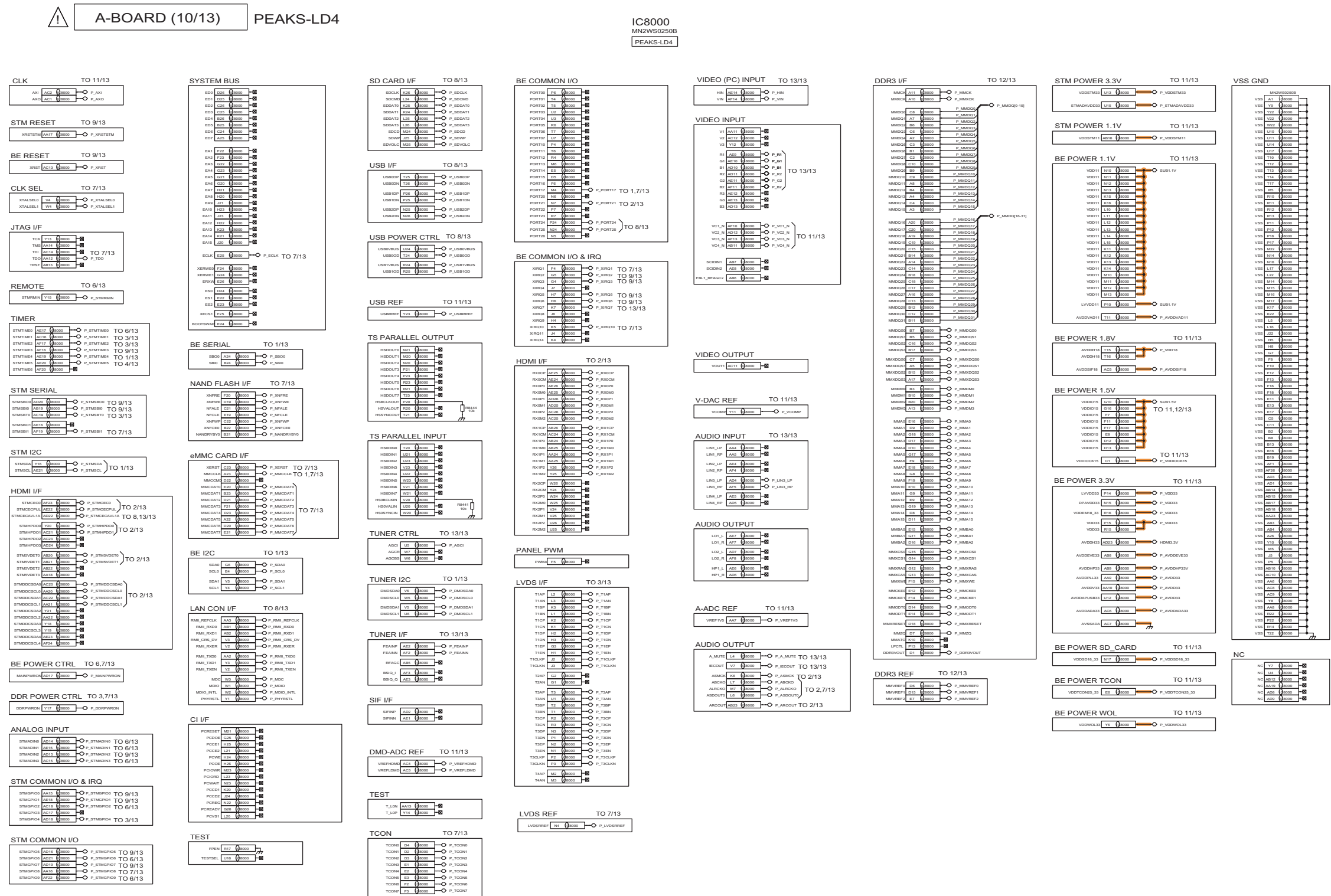


3 Schematic Diagram

3.1. A-Board (1/13)



3.2. A-Board (10/13)



3.3. A-Board (13/13)

! A-BOARD (13/13) TERMINAL

